

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-073707

(43)Date of publication of application : 15.04.1986

(51)Int.Cl.

C08F136/06

(21)Application number : 59-197086

(71)Applicant : UBE IND LTD

(22)Date of filing : 19.09.1984

(72)Inventor : ODA YASUSHI

ISHIGUCHI KOJI

OKAMOTO NAOMI

(54) POLYBUTADIENE RUBBER

(57)Abstract:

PURPOSE: A polybutadiene rubber which can give a vulcanizate having suitable properties for tire side walls, containing a boiling n-hexane-insoluble portion, a boiling n-hexane-soluble portion and a specified-MW component in this soluble portion at specified contents, respectively.

CONSTITUTION: A high-cis-1,4-polybutadiene-based polybutadiene comprising 1W15wt% boiling n-hexane-insoluble portion of a reduced relative viscosity (as measured in a tetralin solution of 0.2g/100cc concentration at 130°C) of 0.5W4 and 85W99wt% boiling n-hexane-soluble portion of a weight-average MW (in terms of polystyrene) of 30W800,000, wherein the boiling n-hexane-soluble portion contains 9W30 wt.% components of a MW (in terms of polystyrene) ≤50,000. Said polybutadiene rubber is preferably has a boiling n-hexane-insoluble portion of 3W12wt% and a boiling n-hexane-soluble portion of 88W97wt%.